

the first device maintains information about spatial position of the second device and the third device, and transfers differing data to the second device and the third device based on that maintained spatial position information, wherein the spatial position information maintained by the first device includes, for each of the second and third devices, information defining a relative spatial position between that second or third device and the first device.

2. The plurality of tileable devices of claim 1, wherein the first, second and third communication modules respectively support optical data links.

3. The plurality of tileable devices of claim 1, wherein the first, second and third communication modules respectively support radio links.

4. The plurality of tileable devices of claim 1, wherein the first, second and third communication modules respectively support physical electrical connections.

5. The plurality of tileable devices of claim 1, each first, second and third device respectively further comprising a first, second, and third deformable piece, with intercommunication between at least two of the devices being triggered by a touching action between devices.

6. The plurality of tileable devices of claim 1, each first, second and third device respectively further comprising a first, second, and third deformable piece, with intercommunication between at least two of the devices being triggered by a stacking action between devices.

7. The plurality of tileable devices of claim 1, each first, second and third device respectively further comprising a first, second, and third deformable piece, with intercommunication between at least two of the devices being triggered by a tiling action between devices.

8. A plurality of tileable devices for transferring data comprising

a first device having a display, a processor and a first communication module for transferring data,

a second device having a display, a processor and a second communication module for transferring data,

a third device having a display, a processor and a third communication module for transferring data,

wherein the first device is maintained in at least intermittent communication with the second device, with the first device maintaining information about spatial position of the second device and the third device, and transferring differing data to the second device and the third device based on that maintained spatial position information, and the second device maintaining information about spatial position of the third device, and with the first device implementing a first data set, a second data set being transferred from the first device to the second device for implementation, and a third data set being transferred from the second device to the third device for implementation, therein the spatial position information maintained by the first device includes, for each of the second and third devices, information defining a relative spatial position between the second or third device and the first device, and the spatial position information maintained by the second device including information defining a relative spatial position between the third device and the second device.

9. The plurality of tileable devices of claim 7, wherein the first, second and third communication modules respectively support optical data links.

10. The plurality of tileable devices of claim 8, wherein the first, second and third communication modules respectively support radio links.

11. The plurality of tileable devices of claim 8, wherein the first, second and third communication modules respectively support physical electrical connections.

12. The plurality of tileable devices of claim 8, wherein the first, second and third device respectively further comprising a first, second, and third deformable piece, with intercommunication between at least two of the devices being triggered by a touching action between devices.

13. The plurality of tileable devices of claim 8, each first, second and third device respectively further comprising a first, second, and third deformable piece, with intercommunication between at least two of the devices being triggered by a stacking action between devices.

14. The plurality of tileable devices of claim 8, each first, second and third device respectively further comprising a first, second, and third deformable piece, with intercommunication between at least two of the devices being triggered by a tiling action between devices.

15. A dynamic array of devices, the array comprising, a plurality of devices, each device having a display maintainable in a user determined relationship to each other, and each device having a determinable information state, and

a plurality of position detectors, each device having at least one of the plurality of position detectors usable to determine its position relative to one or more of the plurality of devices, wherein in response to each device determining its relative position, that device transmits the determined relative position to at least one other device,

wherein determinable information state of each of the plurality of devices is modified upon its change of position relative to one or more devices.

16. A tileable display system, comprising

a first device having a display, a processor, and a first communication module for transferring data,

a second device having a display, a processor and a second communication module for transferring data, wherein:

the first device is connected in substantially simultaneous communication with the second device to pass data based on spatial positions of the respective first device and second device, and

the first device maintains information about spatial position of the second device, and selectively transfers data to the second device based on the maintained spatial position information, wherein the spatial position information includes information defining a relative spatial position between the first and second devices.